

KRT1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9695c**Specification**

KRT1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P04264](#)

KRT1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3848

Other Names

Keratin, type II cytoskeletal 1, 67 kDa cytokeratin, Cytokeratin-1, CK-1, Hair alpha protein, Keratin-1, K1, Type-II keratin Kb1, KRT1, KRTA

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KRT1 Antibody (Center) Blocking Peptide - Protein Information

Name KRT1

Synonyms KRTA

Function

May regulate the activity of kinases such as PKC and SRC via binding to integrin beta-1 (ITB1) and the receptor of activated protein C kinase 1 (RACK1). In complex with C1QBP is a high affinity receptor for kininogen-1/HMWK.

Cellular Location

Cell membrane. Cytoplasm

Tissue Location

The source of this protein is neonatal foreskin. The 67-kDa type II keratins are expressed in terminally differentiating epidermis

KRT1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

KRT1 Antibody (Center) Blocking Peptide - Images

KRT1 Antibody (Center) Blocking Peptide - Background

KRT1 is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma.

KRT1 Antibody (Center) Blocking Peptide - References

Labudova, M., et al. J. Virol. 83(16):7842-7849(2009) Barcelos, A.C., et al. J. Cutan. Pathol. 36(6):647-654(2009) Grimberg, G., et al. Br. J. Dermatol. 160(2):446-449(2009)